

1/5

SEQUENCE LISTING

<110> GLYCOFI, INC.

<120> STEROID RECEPTOR MODULATION OF GENE EXPRESSION

<130> GFI/103 PCT

<140> PCT/US03/41357

<141> 2003-12-23

<150> 60/436,506

<151> 2002-12-23

<160> 9

<170> PatentIn Ver. 3.2

<210> 1

<211> 117

<212> DNA

<213> *Saccharomyces cerevisiae*

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<211> 13

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
consensus sequence

<220>

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<222> (6)..(8)

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<400> 2

ggtcannntg acc

13

<210> 3

<211> 5835

<212> DNA

<213> *Aspergillus nidulans*

<400> 3

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gtagactcat atcgacagcg gacggcgaaa ccacaagttg ttttggcgat gaagcagagc 180
tgaacaggaa gtcctaggg accatcatgt ttacttcttg aggccgcgaa aggtgttttt 240
ggaggcgtgt tccaagcctg acgaggcact ctgatcgagg gtctgagcga gatacatgga 300
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| aaacgaaaga | aagaaagagt | tgcggtgatg | ataaataatg | tagtgggtgag | tagtagtgta | 420 |
| gtgctgtaga | tccacccaca | accggtgtgt | tggcacgtta | agcgtggagg | cccgatgcgg | 480 |
| gagaccggtt | agagctggag | tcggaaggac | gcaggcacgc | gacttgcagg | tctcacggtc | 540 |
| gggaagaaca | gccacgggaa | gggcctcgat | gatcaaataa | agagtctgag | gctagctgac | 600 |
| gccagcaacg | gatggtgcta | aggaaagaag | agagtgaaac | agctgaaggc | gattggaaga | 660 |
| atggaagaat | atggacggat | aagcatgatc | tcaatcagac | tcaaaagata | aggaagatgc | 720 |
| gggtgtgacg | gcatccgctg | gtggaccgtc | cgtttggttc | tgttacttac | cgctgcaca | 780 |
| ttacgctatc | cggtattaga | attacaatta | gtaatgttat | gcctttacta | tatgggtttt | 840 |
| gattggttca | tatgaaccca | gtttctcttc | ggactaccta | gtctgtttct | ttgacagcca | 900 |
| gccatgacac | ataaatactg | gtactctcat | taccttact | ccgagtatgt | cacttccgta | 960 |
| gtcttgcgga | agagtcgatg | gagccaaaag | gcctaaagca | gcaaatgatc | acaaagccac | 1020 |
| ctaactagct | agaaaatcca | tccccacgca | agaacattcc | atcttctttt | ctggcccccg | 1080 |
| agcgaccgct | actatccagc | cgaatgtttc | aacagagtca | gggataaaac | ttgcttcgtc | 1140 |
| gctgccttgc | tgatgcctgc | gtgcccaccc | tcctcgtttt | ctactagtgt | tccactacac | 1200 |
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| ggcggaatct | cggcttctct | gcctccagtc | aaaccgggtga | tcttcttggt | atctctgtgc | 1500 |
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| tgctgcgtgt | atagagtaag | acaatagata | taaagaacta | ccgtctatct | gacagaggga | 1620 |
| gaactgagtt | caaaaagctg | agatactgtt | ctaacaaaaa | gagggcttag | tcagctggct | 1680 |
| tatcagacca | accgcaggaa | atagttatgt | ttgaagcaca | tcactaatca | gcctgtctcc | 1740 |
| ggcttcgctg | agcagcttgc | tgctatctac | tccgtatctt | gcacgcacac | tggcccaata | 1800 |
| atcttccttg | tccttcagct | gccccagtc | tttggagtgc | gaaacgaatc | caggccctcc | 1860 |
| accagattcc | aactgttcgg | attgtctcta | ccctccgctc | tccgaaagag | cccgcctcca | 1920 |
| cttgcggtga | gcggggattt | cgatattcga | tcttggtgag | agagctgtga | gtactccaag | 1980 |
| atagacatag | agtcaattat | ttggttgagg | gcatggccat | cagcgcatag | cctgggtgcta | 2040 |
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| gaactctctt | ccgacggacc | tcacacgaag | tcgtcgtcca | aggggtcaagg | gaccagtacg | 2400 |
| gacaatgctc | cagcgtcgaa | gcgacgttgt | gtgagcacag | cgtgcattgc | ttgccgcagg | 2460 |
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| tgtacttttc | atggcattat | cctttcttca | ccactctgtc | caaggaaactc | ttctaccgtg | 3180 |
| attactctcg | tggagtgccg | agccagtatt | gctcttccct | gcttggtaac | acgatgctgg | 3240 |
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| cacgacagcg | aacacaagtg | tttccgagtg | ggatattcta | cccaacgaag | aatcaacatt | 3720 |
| atggctctcct | tacagtgata | tggggcctag | tcgggagtat | gcacaacctt | cgcgggacaag | 3780 |
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| tgagattcat | actcgcttag | aagcgtggaa | gaaaggcttg | ccgaaggaac | tcgagccgcg | 3960 |
| cgaaggccag | cttcgcgagg | cgctactcat | gcagtaagtt | agtctaggaa | ctgaaagcta | 4020 |
| gcattgtact | tacaccatta | cagcatgttc | taccaacttc | tcctcattca | cctttaccgc | 4080 |
| cccttcctca | aatacacaaa | gtcgcacctc | ccgcttcctc | agcatgtctc | tccccgcaag | 4140 |
| ctatgcactc | aggcggcagc | tgctatatcg | aagttactac | ggctttataa | acgcacatac | 4200 |
| gggtttaagc | agatctgcaa | tatcgccgtt | tatattgcgc | atacagcctt | gacaatccac | 4260 |
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| gccagtaagt | ggcaggtaca | actaccgagg | gaggccgtta | tcgtcttcga | acaaacacat | 4440 |
| gctcgatggg | gctcgtgggg | cccttgggac | caagcagcat | cgcttcaaac | aacctcggat | 4500 |
| tcaccgccat | ccgtcagctc | ccagtccgtg | gttgccacca | cggatctatc | ccaacctgta | 4560 |
| tcccagtcctg | cgggcaatca | gcctgccaat | ccttctatgg | gtacgtctcc | gaacctaaca | 4620 |
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| aatgtcccca | acatcccttc | tacatctgcg | cccgatgcgc | attacaagcc | tccacaacca | 5100 |
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| gccttctcca | tattttaaca | cttctctcga | ataggcagtt | ggtggactcg | aatctcaggc | 5400 |
| ggttggttcta | tatgtgcgtg | atatatgcct | tacaccttat | actttatact | ccgtattcgt | 5460 |
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<211> 94

<212> DNA

<213> *Aspergillus nidulans*

<400> 4

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| accgaacata | tctgtctggg | cttgattttac | catg | | | 94 |

<210> 5

<211> 287

<212> DNA

<213> *Aspergillus nidulans*

<400> 5

| | | | | | | |
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| tacgcctttt | atatatecta | gattgtacca | ttgcgagcta | cgataaccgt | ttcgatgggtg | 120 |
| tgcgcatact | gtcaagcctc | agattcgccc | aaattctcgt | ctccgtctcc | tcgtctcgtt | 180 |
| cgcatctat | cacaggga | cacgcgcgagc | gtcctcctcc | gataagcatg | cgctgtcttg | 240 |
| gtctgtcgtc | gtcaccgaac | atatctgtct | gggcttgatt | taccatg | | 287 |

<210> 6
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 <212> DNA
 <213> *Aspergillus nidulans*

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 <213> Artificial Sequence

<220>
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 tgtagtggtt aagaaacatg aaattgccca gtattcttaa cccaactgca cagaacaaaa 180
 acctgcagat attcgatctt ggtgagagag ctgtgagtag tccaagatag acatagagtc 240
 aattatttgg ttgagggcat ggccatcagc gcatagcctg tgctatgct ctacgcgcgcg 300
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 cagattcgcc caaattctcg tctccgtctc ctgctctcgt tcgccatcta tcacagggaa 480
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 catatctgtc tgggcttgat ttaccatg 568

<210> 8
 <211> 473
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 construct nucleotide sequence

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 gtgacccaga aggaagaacg aaggaaggag cacagactta gattggtata tatacgcata 120
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 ctggttcgcc atctatcaca gggaaacacg ccgagcgtcc tcctccgata agcatgcgct 420
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<210> 9
<211> 280
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
construct nucleotide sequence

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tgtagtggtg aagaaacatg aaattgccca gtattcttaa cccaactgca cagaacaaaa 180
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10/541901

JC14 Rec'd PCT/PTO 11 JUL 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket No:GFI-103PCT

In re International patent application of

GLYCOFI, INC.

International Application No. PCT/US03/41357

International Filing Date: December 23, 2003

For: STEROID RECEPTOR MODULATION OF GENE EXPRESSION

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Mail Stop PCT SEQUENCE

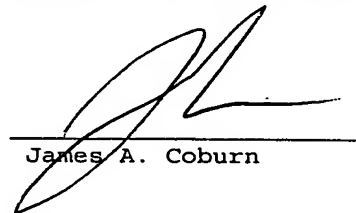
STATEMENT ACCOMPANYING SEQUENCE LISTING

Dear Sir:

The undersigned hereby states that the Sequence Listing submitted concurrently herewith does not include matter which goes beyond the content of the application as filed and that the information recorded on the diskette submitted concurrently herewith is identical to the written Sequence Listing.

Respectfully submitted,

Sgt. 2, 2004
Date


James A. Coburn

HARBOR CONSULTING IP SERVICES, INC.
1500A Lafayette Road, #262
Portsmouth, N.H.
800-318-3021